LESSON #3 SAFETY UNIT: Spill and clean-up based on MSDS sheets

Summary: There will be four stations for this activity. At each station your group (picked by the sticks) will do generally the same activity, only the material will be different.
At each station you will have the following materials:

5 different Material Safety Data Sheets (MSDS)
A “mystery” substance
Water
Baking soda
Vinegar
Indicator solution
Beakers and test tubes
Instruction/direction sheet (also below)

***Be sure to wear your goggles and gloves at all times, and follow all other safety rules on your safety contract***

Directions:
1. Identify the “mystery substance”. You will have to “test” the substance to do this. Use the water, baking soda, the vinegar, indicator solution, your eyes, your nose, and your brains to figure out what the mystery substance is. You will also have to use the identification information on the MSDS sheets.
2. Once the material is identified, you must decide how to “clean up” the mystery substance. This information is on the MSDS sheets.
3. Write your groups' process for cleaning the “mystery spill” on a separate sheet of paper in a step fashion.
   (Step 1: Step 2: etc.)
4. You will have no more than 15 minutes at each station, so work efficiently as well as effectively and absolutely work safely.
5. After all stations are done...explain in one complete, well written, group paragraph why you had to wear goggles and gloves for this lesson.
6. Turn in all four clean up processes and the final paragraph with all group members' names on it.